

## INFORMATION TECHNOLOGY EDUCATION DEPARTMENT

**IOS 102 LAB**

**(Operating Systems Laboratory)**

**<LABORATORY SCHEDULE>**

EXERCISE

1

**DOS INTERNAL & EXTERNAL COMMANDS**

<STUDENT NAME 1>

<STUDENT NAME 2>

DATE

**Experiment No. 1: DOS Internal and External Commands**

**Objectives:**

In this experiment, the students are expected:

* to be familiarized with common DOS internal and external commands
* to understand and apply different DOS internal and external commands

**Procedures:**

**Setup**

Notes: Perform the following steps BEFORE doing the exercises. Please WRITE LEGIBLY in writing your answers. Do not close your DOS shell for checking of outputs.

1. Open your MS-DOS in your respective terminal.

2. Change drive to the H: drive - just type H: and hit enter.

3. Create a new directory called OSLAB - MD OSLAB (or MKDIR OSLAB) and hit enter. This is where you will do ALL your work for these exercises.

4. Change directory to that new directory - OSLAB.

5. Create a file - COPY CON FILE1.TXT. Then type “Hello DOS World!”. When finished, hit F6 or CTRL+Z and then enter. You will now see the message "1 file(s) copied" which means you just created a file called file1.txt in the OSLAB directory.

6. As a check, do the following - TYPE FILE1.TXT and you will see the contents of that file. Also type the command DIR and you will see the contents of the directory you're in (H:\OSLAB). You will see that file.

**Exercises**

Now you're ready to begin. Each numbered item has an answer (answer to the question, commands used and/or analysis and observation of the step).

**Note:**

* *Capture your executed commands and their respective outputs using snipping tool.*
* *Save you file as SURNAME1\_SURNAME2\_DOS.docx*
* *Upload your group lab activity report to our e-learning using the Upload link: Lab Activity 1 – DOS Commands*

1. Using copy command, copy FILE1.TXT to make the following filenames: file2.txt, file3.dat, file4.doc, file5.txt. Pay attention to the names and extensions of the files.

Paste your captured executed commands and output below:

2. List out the directory and see ALL the newly created files.

Paste your captured executed commands and output below:

3. Now you just want to see a list of the files that have TXT as their extension.

Paste your captured executed commands and output below:

4. Make a copy of file4.doc and call it first.dat

Paste your captured executed commands and output below:

5. Create a subdirectory under the directory you're currently in. Call this new directory TESTDIR.

Paste your captured executed commands and output below:

6. Using a wildcard, copy all the files with an extension of DAT to the new subdirectory.

Paste your captured executed commands and output below:

7. Change directories to the newly created directory and list all the files in there.

Paste your captured executed commands and output below:

8. Delete file3.dat.

Paste your captured executed commands and output below:

9. Go back up to the parent directory of the current directory you are in.

Paste your captured executed commands and output below:

10. List all the files with an extension of DAT in the current directory and the one you just created. Use only one command to do so.

Paste your captured executed commands and output below:

11. Change the name of file1.txt to file6.txt.

Paste your captured executed commands and output below:

12. Create another directory TESTDIR2 and copy the directory/folder TESTDIR to the newly created directory.

Paste your captured executed commands and output below:

13. Remove the directory you created (TESTDIR). Are you able to do this? Why or Why not?

Paste your captured executed commands and output below:

Answer:

14. Use wildcard to list all the files that start with FI and have an extension of TXT.

Paste your captured executed commands and output below:

15. Use wildcard to list all the files that start with the word FILE, then a single character and with an extension filename of TXT.

Paste your captured executed commands and output below:

16. Check the file attributes of file5.txt. What are the given attributes?

Paste your captured executed commands and output below:

Answer:

17. Give system, hidden and read-only file attributes to file5.txt.

Paste your captured executed commands and output below:

18. Display the content of file5.txt

Paste your captured executed commands and output below:

19. Using a redirector, combine file5.txt and file6.txt content to another filename combine.txt

Paste your captured executed commands and output below:

20. Display the word “I am now a GOOD DOS USER!”

Paste your captured executed commands and output below: